

What is claimed is:

1.

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A seed weighing and transport device, comprising:
a trailer adapted to be hitched to a vehicle;
a hopper removably mounted on the trailer, the hopper having
at least one compartment for holding seeds, an auger for
removing seeds from the compartment, and a plurality of
legs; and
a weighing system sandwiched between the trailer and the
hopper to weigh the seed in the hopper.

2.

The device of claim 1 wherein the weighing system
includes a plurality of load cells with one load cell being
adjacent each leg of the hopper.

3.

The device of claim 2 wherein the hopper includes a
frame extending between the legs and the load cells are
mounted on the frame.

4.

The device of claim 3 wherein the frame is adjustably mounted
to the trailer.

5.

The device of claim 1 wherein the hopper has two compartments
for seed.

6.

The device of claim 1 wherein the weighing system is
free from rotational torque when the trailer and hopper are
moved by the vehicle.

7.

The device of claim 1 wherein the hopper is laterally
and longitudinally adjustable with respect to the trailer.

8.

The device of claim 1 wherein the trailer includes laterally extending slots and the hopper includes longitudinally extending slots, with pairs of the lateral and longitudinal slots overlapping to receive bolts and thereby allow adjustable mounting of the hopper on the trailer.

9.

A combination seed and yield cart for transporting seed to and from a field, comprising:
a hopper with at least one seed compartment and a plurality of legs for supporting the hopper;
a load cell mounted adjacent each leg of the hopper;
a trailer adapted to be towed by a vehicle;
a hopper being removably mounted on the trailer; and
the load cells being operative when the hopper is mounted on the trailer and when the hopper is sitting on another support surface.

10.

The cart of claim 9 wherein the load cells are free from rotational torque.

11.

The cart of claim 9 wherein the hopper includes mounting brackets for adjustably mounting the hopper on the trailer.

12.

The cart of claim 9 wherein the hopper and the trailer both include slots which extend perpendicular to one another and overlap so as to receive mounting bolts to adjustably secure the hopper on the trailer.

13.

The cart of claim 9 wherein the load cells are fixed to the hopper for movement with the hopper when the hopper is removed from the trailer.

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14.

The cart of claim 9 wherein the trailer includes an axle with wheels, the load cells being spaced from the axle so as to preclude any rotational torque on the load cells.

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